Issue: 2

MASTER
AUSTRALIA PTY LTD

THE BLACK PROVAC
BACK PACK VACUUM CLEANER

OPERATOR AND PARTS MANUAL

Model: BLACK PROVAC
Model No: PROBFT1000

Safety approval No: NSW21128
EMC Approval No: N14590

Serial No:_____

Before using machine:
For Safety - Read all safety and operator instructions

Master Australia Pty Ltd
45 Marrickville Rd Marrickville NSW 2204
Ph: 612 9550 5800 • Fax: 612 9550 5876

PROVAC®

CONTENTS

IMPORTANT SAFETY PRECAUTIONS 3

MODIFICATIONS 4

MACHINE INSTALLATION 4/5
Machine contents
Machine assembly

MACHINE OPERATION 5

STORING MACHINE 5

PROVAC COMFORT FIT 6

INSTASWAP - REPLACE LEAD, SHOULDER PADS & WAIST BELT 7

PARTS DIAGRAM 8

PARTS NUMBERS 9

OPTIONAL ACCESSORIES 9

WIRING DIAGRAM 10

MAINTENANCE ADVICE 10

DAILY START & FINISH CHECK LIST 11

TROUBLE SHOOTING GUIDE 12

SPECIFICATIONS 12

WARRANTY STATEMENT 13

NOTES 14

INTRODUCTION

Your new Provac Backvac Vacuum Cleaner is designed for the professional daily maintenance of carpets and hard floors. Your Provac vacuum cleaner has been built with quality and reliability in mind. If the safety precautions and maintenance instructions are followed, you will enjoy many years of trouble free operation.

Please familiarise yourself with the features and operating functions of your new Provac to further enhance your satisfaction of this quality Provac product. It is important that this manual is carefully read and understood by all operators.

In the unlikely event of technical defects or faults then please contact your nearest Provac repair agent or distributor.

Thank you for choosing a Provac quality product.

SAFETY PRECAUTIONS

The Provac is designed for the vacuuming of non-explosive dusts. It is designed for commercial vacuum cleaning applications such as offices, hospitals, hotels, schools etc. All electrical parts are thoroughly secured and protected and can only be removed with the correct tools, by an authorised and qualified service technician. The machine conforms to AS/NZ 60335.1:2002 and AS/NZ 60335.2.2:2002.

The following safety alert symbols are used throughout this manual as indicated in their description:

⚠ **WARNING:** To warn of hazards or unsafe practices which could result in severe personal injury or death.

FOR SAFETY: To identify actions that must be followed for safe operation of equipment.

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

FOR SAFETY: This appliance is not intended for use by young children or inferm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.

Young children should be supervised to ensure that they do not play with the appliance.

IMPORTANT SAFETY INSTRUCTIONS!

The following information signals potentially dangerous conditions to the operator or equipment

⚠ **WARNING:** To reduce the risk of fire, explosion, electrical shock or injury

FOR SAFETY:

1.DO NOT operate the machine:

- Unless trained and authorized.
- Unless operator manual and safety instructions are read.
- If machine has been dropped, damaged, left outdoors or dropped into water.
- To vacuum toxic, combustible or flammable material.
- To vacuum liquids.
- With a damaged cord or plug.
- If not in proper operating condition.
- On wet surfaces.
- In outdoor areas.
- In the rain.
- Standing in water.
- Without dust bag..

2. When using the machine:

- DO NOT pull cord around sharp edges or corners.
- DO NOT unplug by pulling on cord.
- DO NOT handle plug or machine with wet hands.
- DO NOT vacuum anything burning or smoking, such as live ashes, cigarette butts or matches.
- DO NOT leave machine when plugged in.

3. When using the machine:

- Use only as described in this manual.
- Keep cord away from heated surfaces.
- Work within cord length to avoid cable stress and damage.
- Report machine damage or faulty operation immediately.

4. Before leaving or servicing machine:

- Turn off machine.
- Unplug cord from wall socket outlet.
- Use manufacturer supplied or approved replacement parts.

⚠ **WARNING:** Hazardous Voltage. Shock or electrocution can result. Unplugging machine before servicing IS A MUST.

MODIFICATIONS - REPAIRS OR SERVICING

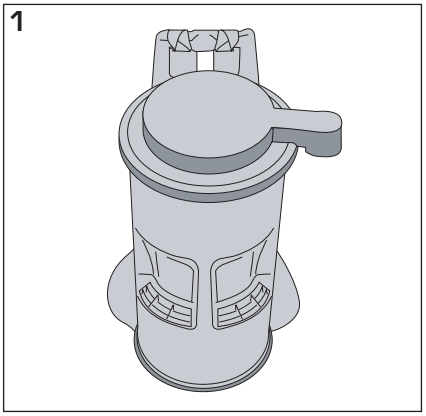
Only original parts and accessories are to be used. Failure to adhere to these recommendations could result in machine failure and damage that will not be covered by the appliance warranty. Damaged equipment could also result in injury to persons. The manufacturer, its distributors and agents cannot be held responsible at all for any damage or injury whatsoever, caused by the improper use of the appliance, unauthorised use, unauthorised modifications or non-original replacement parts..

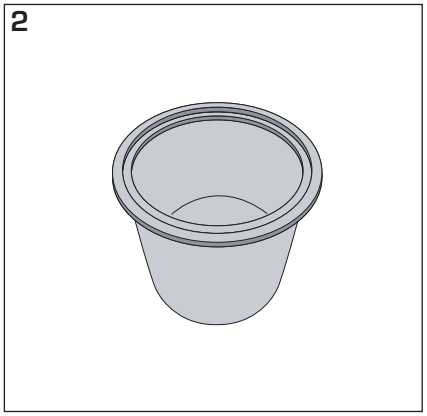
MACHINE INSTALLATION

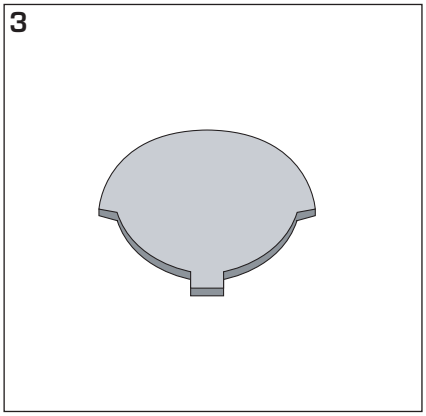
1. Machine contents:

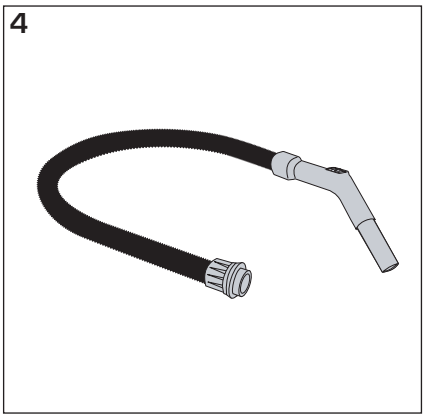
Carefully check carton for signs of damage. Report damage to the supervisor or carrier immediately. Check machine contents to ensure carton is complete. Contact your distributor for missing items.

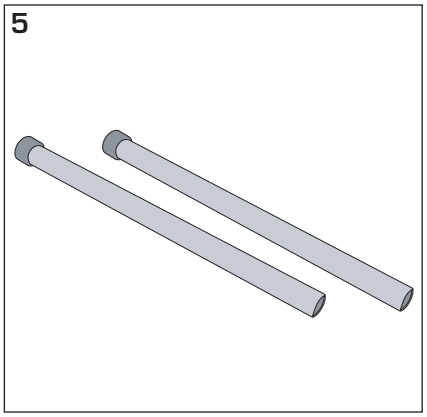
1. Machine
2. Cloth filter bag
3. Secondary filter
4. Flexible suction hose with pistol grip
5. Hand tubes (two pieces)
6. Floor tool
7. Power Lead
8. Operator and parts manual

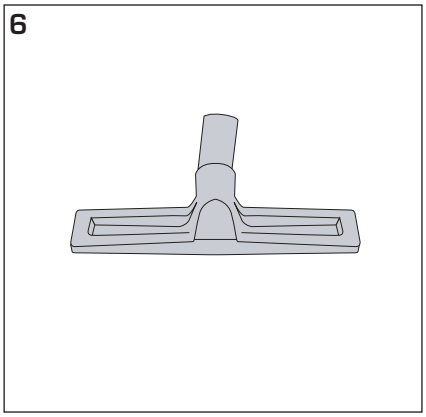


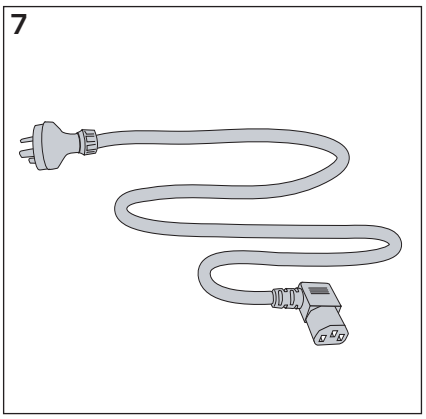


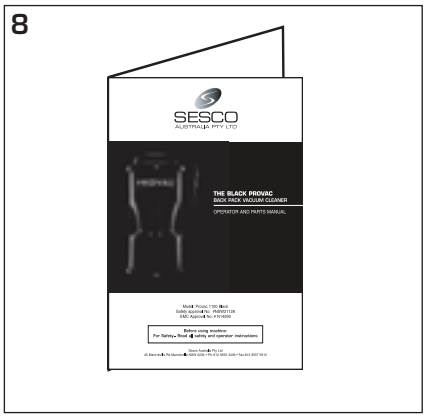










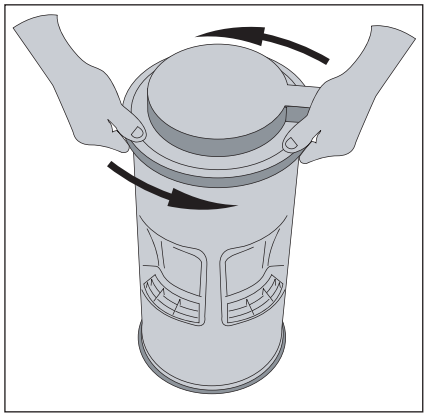


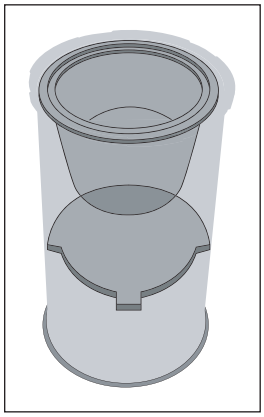
⚠ **WARNING:** Hazardous Voltage. Shock or electrocution can result. Unplug machine before servicing.

2. ASSEMBLY OF MACHINE

Cloth filter bag and secondary filter:

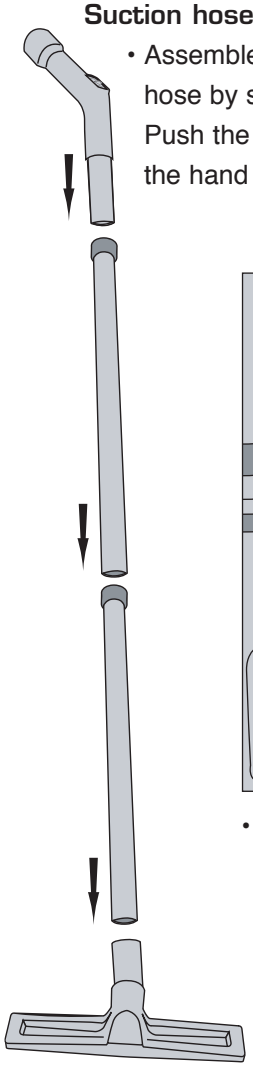
• Twist the lid anti-clockwise to expose inside bag compartment. Be sure that the vacuum filter bag and secondary filter are inside the bag compartment before vacuuming. Close lid.

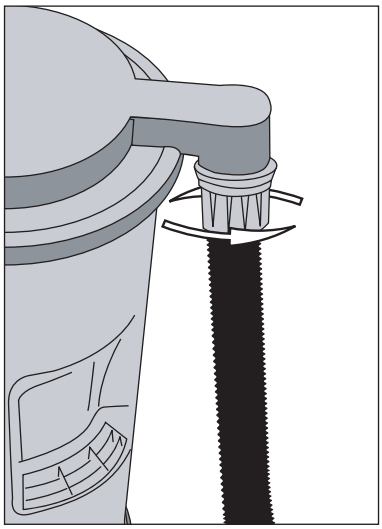




Suction hose, hand tubes and floor tool:

• Assemble the hand tubes and vacuum hose by simply pushing them together. Push the floor tool into the lower end of the hand tubes.





• Connect the end of the suction hose to the machine by turning the hose connector one turn anti clockwise.

MACHINE OPERATION

FOR SAFETY: Do not operate machine unless operator manual is read and understood.

1. Fit lid with outlet positioned on the left or right of machine for left or right handed vacuuming.
2. Wear machine as per the “Provac Comfort Fit Procedure” on page 6.
3. Move to area requiring vacuuming.
4. Connect the plug to the main supply socket outlet.
5. Turn the illuminated switch to ON.
6. Begin vacuuming floor. Operate the vacuum wand and floor tool in a back and forth PENDULUM LIKE motion whilst keeping your back upright. DO NOT vacuum across your body.
7. Stay within the length of the power cord when vacuuming.
8. To stop vacuuming, switch the machine off and disconnect the plug from the main supply wall socket. Do not pull on the cord as it will cause damage. Pull from plug.
9. Always wind up the cord starting from the machine end [not plug end] and hang it around the handle/cord holder.
10. Move to next area and follow steps 1-9 or refer to operator machine check list on completing vacuuming.

FOR SAFETY: When using machine, do not unplug by pulling on cord.

STORING MACHINE

Store machine in a dry area.

⚠ **WARNING:** Do not expose to rain. Store indoors. Keep out of children's reach.

PROVAC COMFORT FIT PROCEDURE

NOTE: CONDUCT THE PRE START CHECK LIST BEFORE BEGINNING THIS PROCEDURE

1.
Loosen both shoulder straps to make it easier to fit the back pack.

2.
Lift the back pack while sliding one arm through the shoulder harness. Slide the other arm through the second shoulder harness.

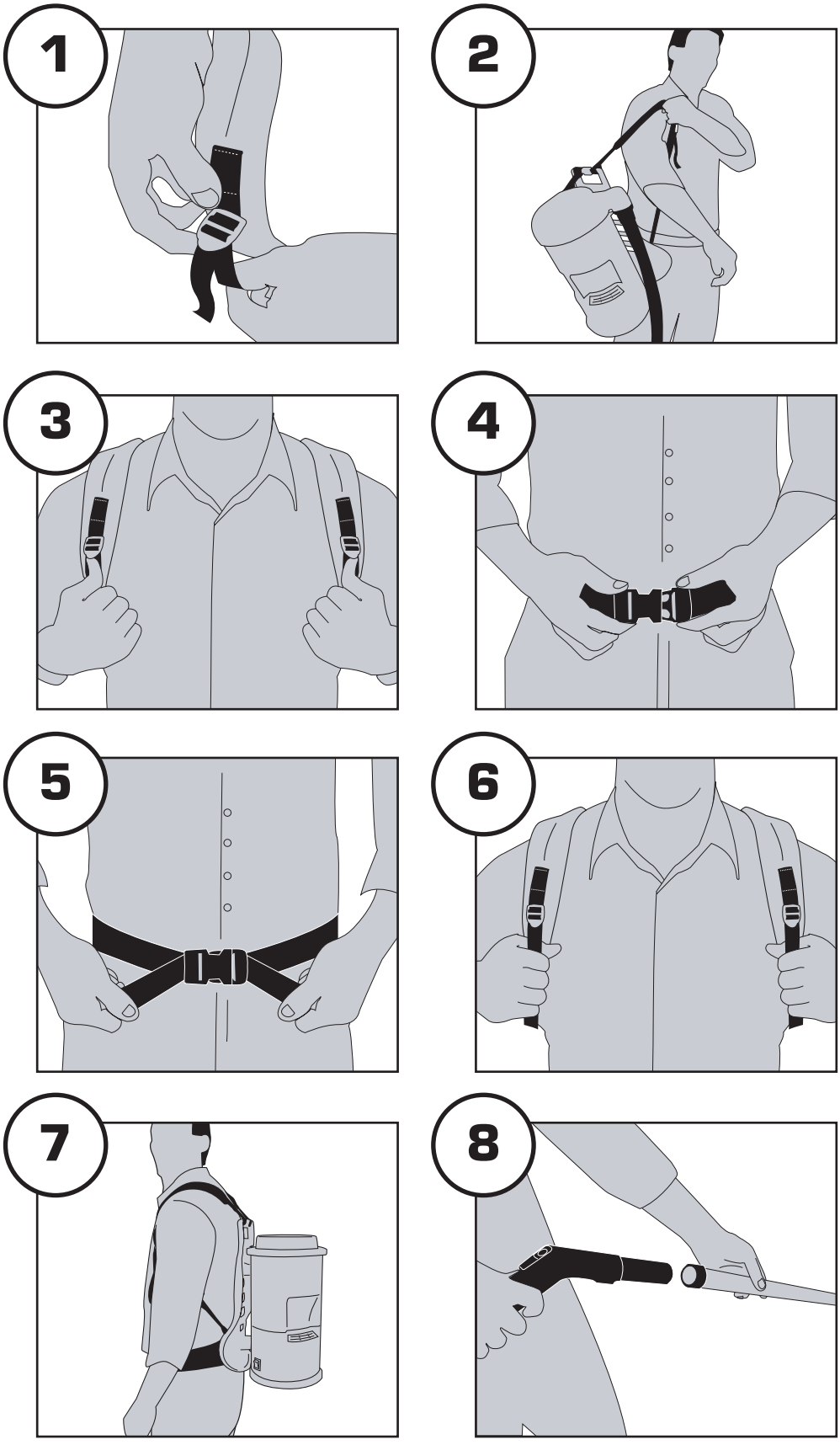
3.
Loosen the shoulder harnesses before buckling the waist strap, so the weight of the unit is sitting comfortably on the waist.

4–5.
Buckle the waist strap and tighten to desired comfort.

6.
Tighten the shoulder harnesses if necessary to attain optimum comfort.

7.
This is how the back pack should be sitting on your waist and shoulders.

8.
Connect pistol grip to wand.

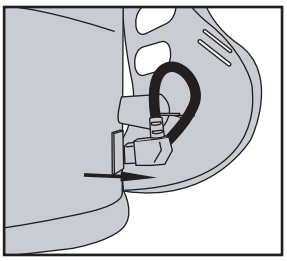


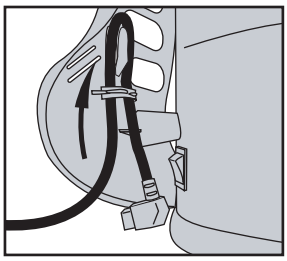
InstaSwap

REPLACING THE POWER LEAD, SHOULDER PADS AND WAIST BELT

Removing the power lead:

1. Disconnect the connector plug from the machine.

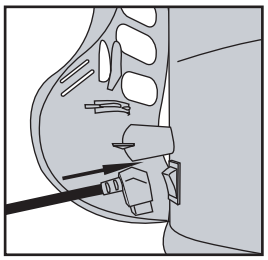


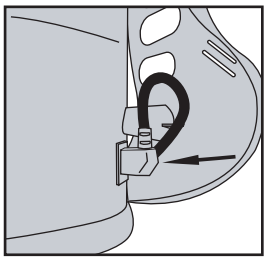


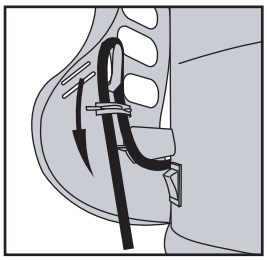
2. Slide lead out between back support and machine. Remove from cable restraint.

Installing the power lead:

1. Feed approximately 45cm of lead between back support and lower body, then connect plug into the socket.



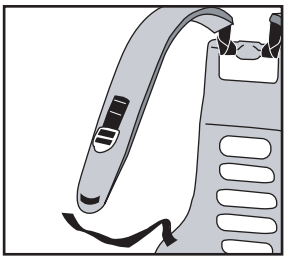


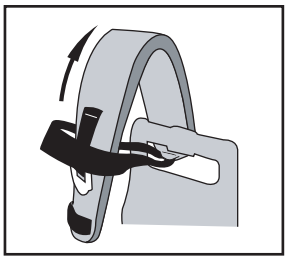


2. Feed power lead into cable restraint leaving approximately 20cm of slack in the cable at the plug end.

Removing the shoulder straps:

1. Remove shoulder adjustment strap from the buckle and loop on the shoulder pad.

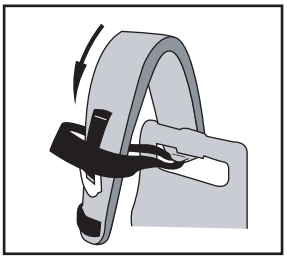


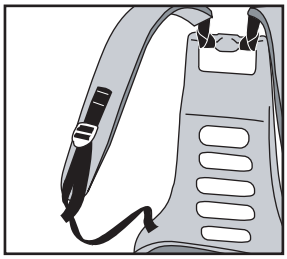


2. Remove shoulder pad from the handle by feeding the pad back through the loop end around the handle.

Installing the shoulder straps:

1. Start with the shoulder pad loop entering the handle area. Feed pad over the handle and through the loop.

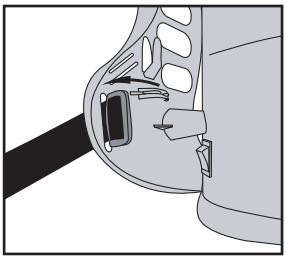


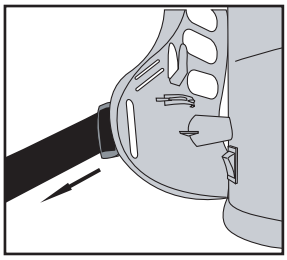


2. Feed the shoulder adjustment strap through the loop and buckle on the shoulder pad.

Removing the waist belt:

1. Manoeuvre the tri-slide to a verticle position so it can slide out through the slot.



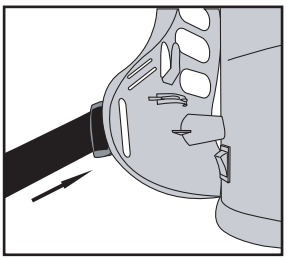


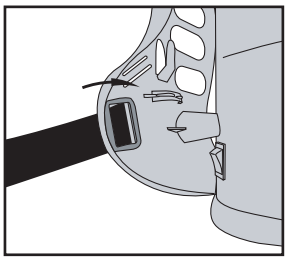
2. Push tri-slide out through the slot.

3.Repeat on other side.

Installing the waist belt:

1. Manoeuvre the tri-slide to a vertical position so it can slide into the slot.

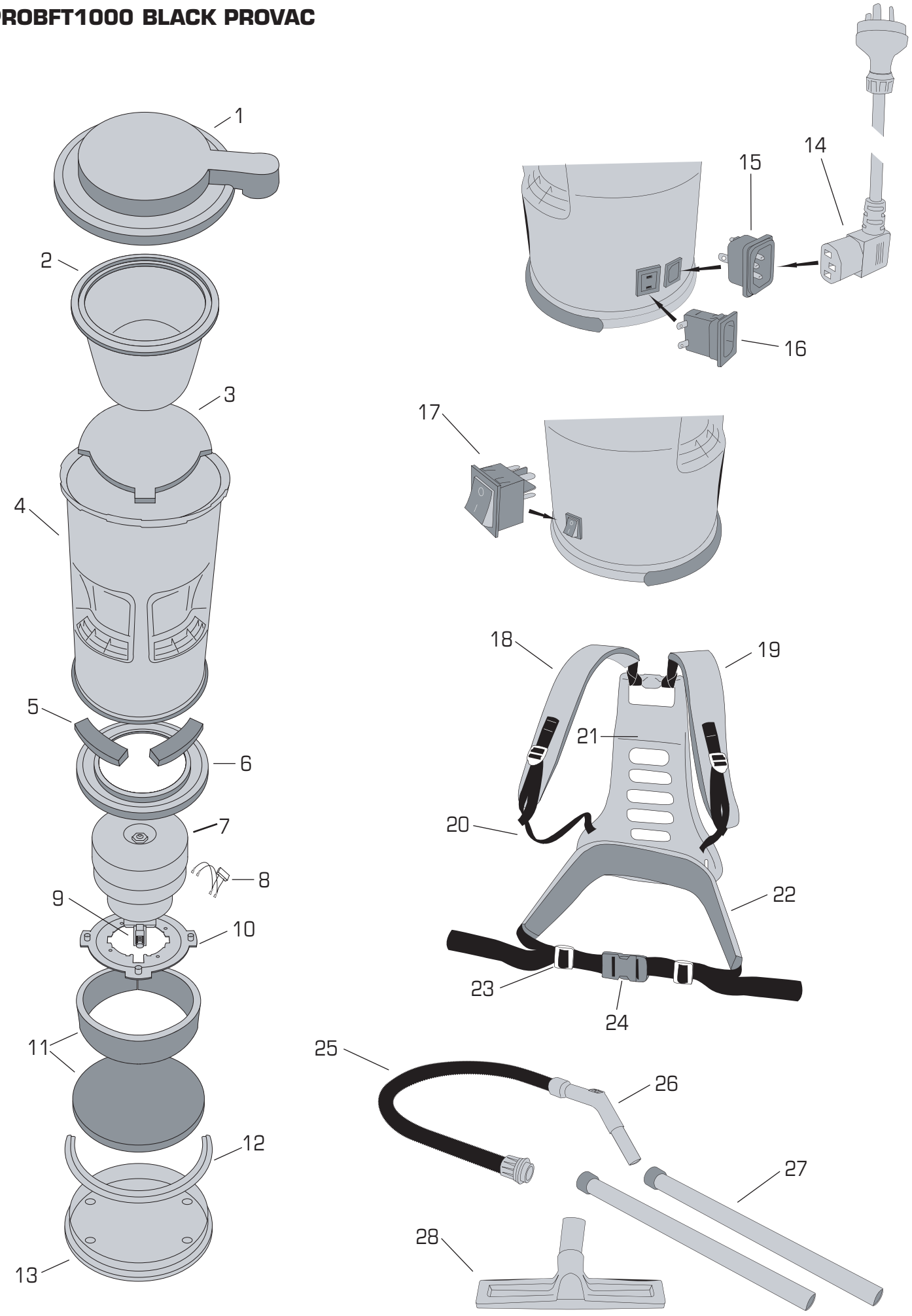




2. Push tri-slide in through the slot.

3. Repeat on other side.

PROBFT1000 BLACK PROVAC



PROVAC PARTS LIST - PROBFT1000

	1	Lid - incl. locking ring	PRO1001	1
	2	Filter dust Bag	PRO1027	1
	3	Secondary filter	PRO1035	1
	4	Body	PRO1026	1
	5	Exhaust filter - set	PRO1014	1
	6	Motor gasket - flo through	PRO1010	1
O	7	Vac motor - 1000W, 2 stage, flo through	PRO1039	1
l	8	EMC - RFI capacitor	PRO1036	1
l		Thermal cut out - NOT SHOWN	PRO1044	1
	9	Carbon brush set, self interrupting	PRO1047	1
	10	Motor retaining plate	PRO1007	1
	11	Insulation set - lower body & base	PRO1038	1
	12	Bumper	PRO1009	1
	13	Base end cap - for flo thru motor	PRO1004	1
	14	Power lead - 15 metre, 7.5 amp	PRO1031	1
	15	Snap in male socket	PRO1033	1
	16	Snap in female socket - for powerhead	PRO1034	1
	17	Illuminated rocker switch	PRO1022	1
O		Shoulder harness pad assembly	PRO1028	1
l	18	Shoulder pad - Right	PRO1045	1
l	19	Shoulder pad- Left	PRO1046	1
l	20	Shoulder pad adjustment strap,set	PRO1030	1
	21	Back Support	PRO1006	1
O	22	Waist belt pad assembly	PRO1029	1
l	23	trig-slides	PRO1020	2
l	24	Belt buckle	PRO1019	1
O	25	Vacuum hose assembly	HOSECOMP	1
l	26	Pistol Grip - plastic	PISTOLP	1
	27	Chrome Wands	WANDCHR	2
	28	Floor Tool	PR01052	1

NOT SHOWN IN DIAGRAM

Screws for Motor Retaining Bracket		
Screws 6 x 1 1/2" pan phillips	PRO1041	4
Screws, washers and nut for Back Support		
Screws - M4 x 12 combo ZP	PRO1042	4
Washer - M4 ext z/p ZP	PRO1050	4
Nut -M4 hex`steel std ZP	PRO1049	4
Screws for Base End Cap		
Screws - Black 6 x 1/2" pan phillips	PRO1043	4
Decals - warning, dry vac, output	PRO1037	1
Thermal cut out	PRO1044	1
Wire Harness	PRO1051	1

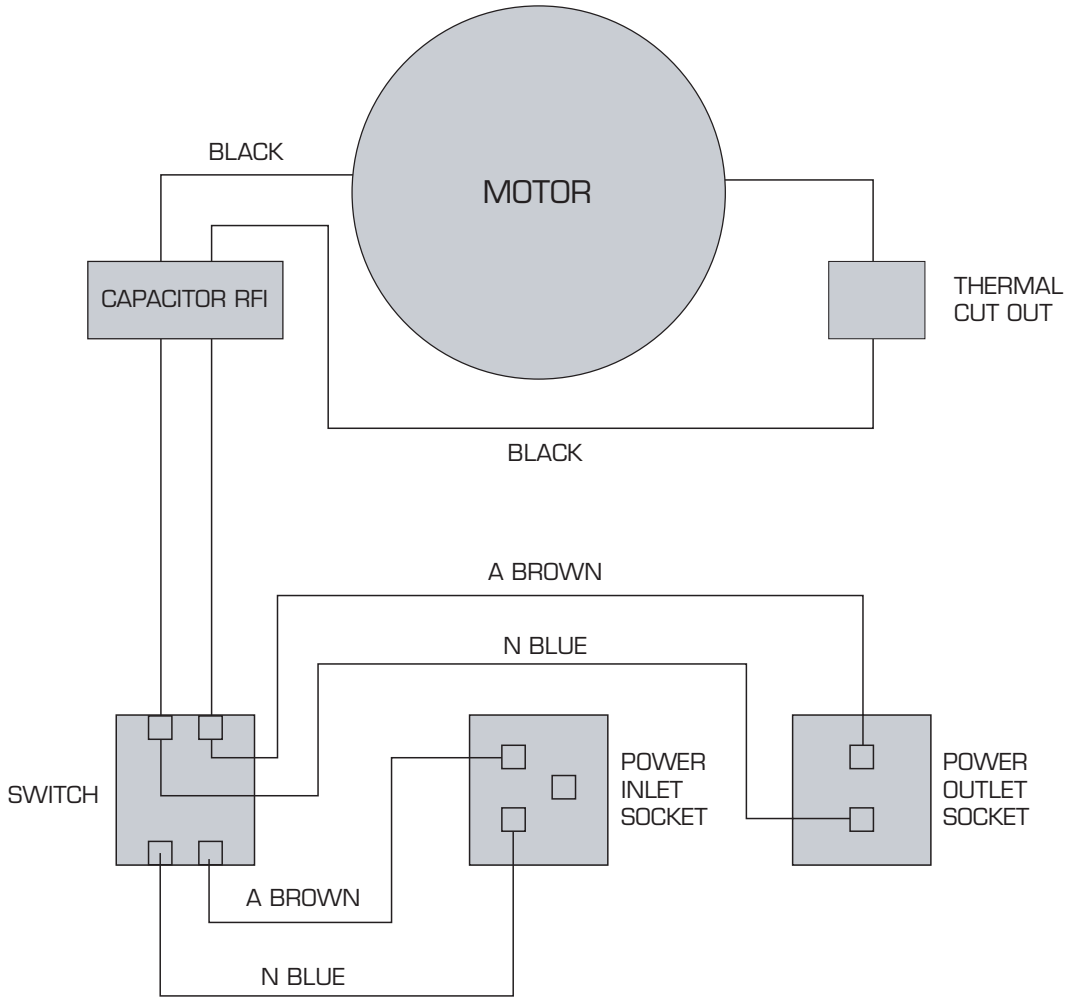
OPTIONS AVAILABLE

Stainless Steel pistol grip	PISTOL	1
Paper bags [pk of 10]	PRO1051	1
Telescopic wand	WAND EXT	1
Crevice tool	CREVICE	1
Upholstery Tool	UPHOLSTERYS	1
Dusting brush	UPHOLSTERY	1
Turbohead	TURBO	1
Powerhead	POWERHEAD	1

O = Complete Assembly

l = Included in Assembly

WIRING DIAGRAM



MAINTENANCE ADVICE

⚠ **WARNING:** Always disconnect the plug from the main supply before commencing any cleaning or maintenance of the machine. Always refer to the manufacturers technical data and instructions when replacing any parts

DAILY INSPECTION

- Refer attached pre start check list.
- Visually inspect machine for any damaged parts, power cords or power connections.
- Check the cloth filter bag is empty, clean and not damaged.
- Check that secondary filter is clean and not damaged.
- Check floor tool, wands and hose for blockage or damage.

3 MONTH MAINTENANCE

- Follow Daily and Monthly Inspection plus…
- Replace cloth bag.

MONTHLY MAINTENANCE

- Follow Daily Inspection plus…
- Replace secondary filter.
- Check the brush strips on the floor tool - if worn out these should be changed.

6 MONTH MAINTENANCE

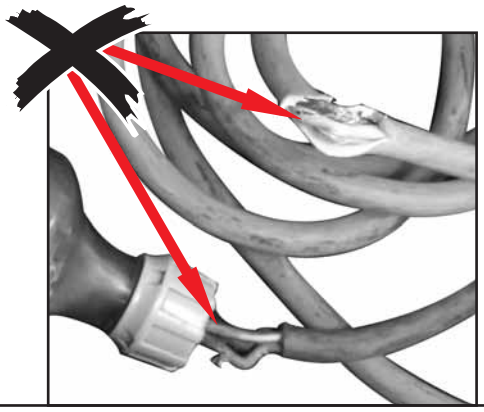
- Follow Daily, Monthly, 3 Monthly Inspection plus…
- Replace cloth bag.
- Have machine serviced, tested and tagged by an authorised Provac service agent.

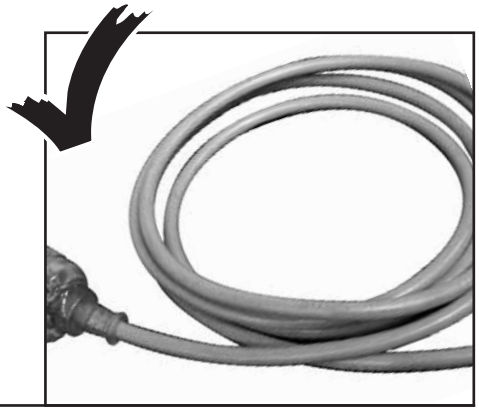
DAILY START & FINISH CHECK LIST

WARNING: HAZARDOUS VOLTAGE - SHOCK OR ELECTROCUTION CAN RESULT FROM USING MACHINE WITH DAMAGED CORD

1

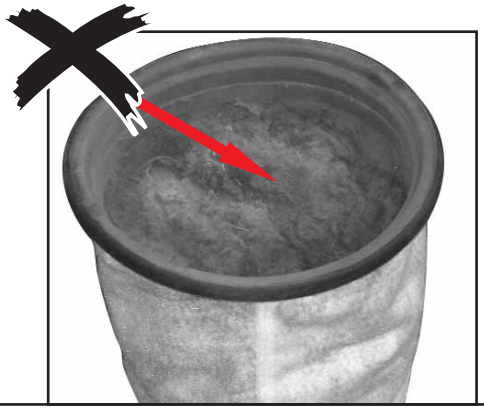
Check power lead and plug. Replace damaged cord before using machine.

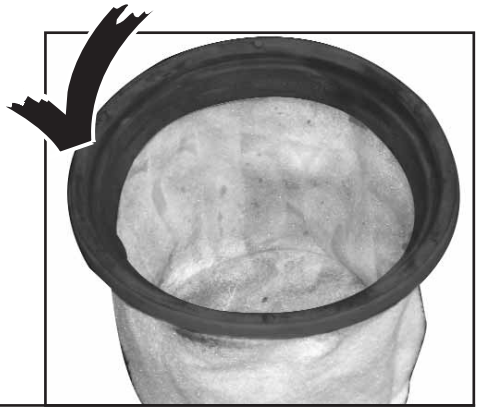




2

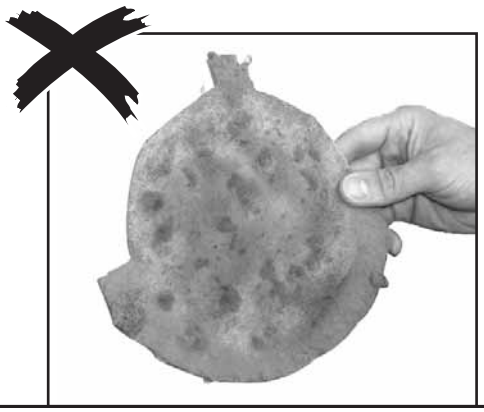
Check the dust bag is empty. Clean it if necessary before and after vacuuming.

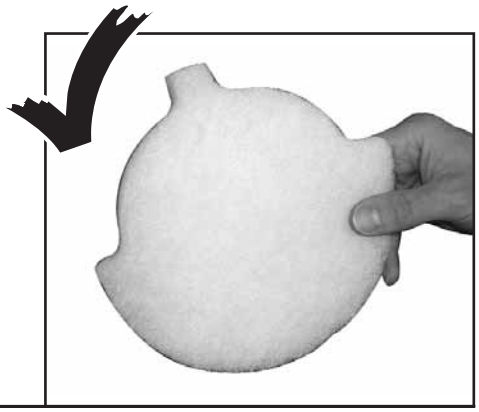




3

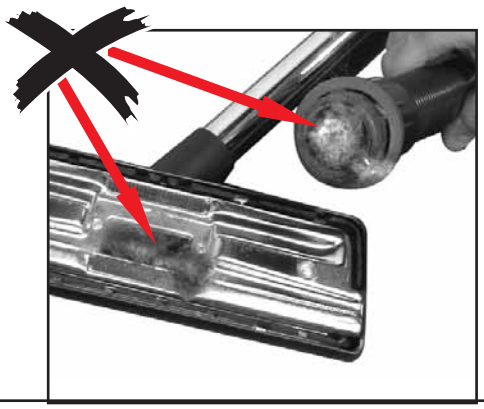
Check the secondary filter. Replace or clean filter as necessary.

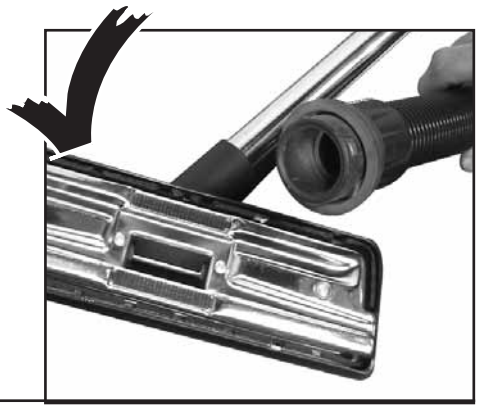




4

Check floor tool, vacuum hose and connector for damage or blockage.





REPORT ANY DAMAGE OR REPAIR NEEDS IMMEDIATELY TO YOUR SUPERVISOR OR CONTACT YOUR LOCAL PROVAC REPAIR AGENT AS SOON AS POSSIBLE.

TROUBLE SHOOTING GUIDE		
PROBLEM	POSSIBLE CAUSE	SOLUTION
• Machine does not operate	Plug loose on machine	Push in plug
	Faulty vacuum motor	Contact service centre
	Faulty power cord	Replace power cord
	Faulty power switch	Contact service centre
• Poor Vacuuming Performance	Blocked hose, wand or floor tool	Clean out hose, wand or floor tool
	Full bag	Empty out bag
	Worn out cloth bag	Replace bag
	Clogged secondary filter	Replace secondary filter
	Faulty vacuum motor	Contact Service centre
	Loose vacuum hose connection	Tighten hose connection
	Lid not on properly	Twist lid firmly clockwise
	Damaged vacuum hose	Replace vacuum hose
	Blocked lid intake	Clear blockage in lid
• Noisey vacuum motor	Faulty vacuum motor	Contact service centre

SPECIFICATIONS	
Model No	PROBFT1000
Motor Type	2 Stage, flow through
Voltage and Frequency	240v, 50/60 Hz
Motor Rated Wattage and Amperage	1000W, 4.5amps
Dust Bag Capacity	5 Litres
Cable Length	15 metres
Airflow & Water-lift	42L/sec, 239cm
Sound level	72dB(A)
Filtration	98% down to 1 micron
Safety Electrical Approval No.	NSW21128
EMC Conformity – C tick No.	N14590
Machine weight	4.06kg [without cable and accessories]
Warranty	12 months parts and labour – refer warranty statement
Packaging Dimensions and weight	355cm x 300cm x 550 cm, 5.5Kg

NOTE: Specifications can change without notice

WARRANTY STATEMENT

Master Australia Pty Ltd warrants it's products against manufacturers defects in material and workmanship for a period of 12 months, including labour, from date of original purchase, to the original purchaser.

Should a component fail within the warranty period, Master Australia Pty Ltd or its Authorised Service Agent:

1. Will evaluate the defective component to establish the reason for failure
2. Will replace or repair the component free of charge to the original purchaser should the defect or fault be of a warrantable nature.
3. Upon inspection of the fault, deeming it non-warrantable, reserves the right to charge for the inspection service and, at the original purchasers discretion to pursue the repair, subsequently charge for components and labour for the repair.

Without limiting the generality of the foregoing, but subject to any statute, the following components and conditions are specifically not covered in this warranty:

1. Any electrical components found damaged from water.
2. Any components damaged from use of chemicals detrimental to its life.
3. Components that have normal wear and tear, or lack of maintenance upkeep, including but not limited to hoses, floor tools and attachments, seals, gaskets and the like.
4. Damage caused by accident, misuse, negligence, abuse or fire.
5. Any Master Australia Pty Ltd products that have not been repaired by Master Australia Pty Ltd or it's Authorised Service Agents.
6. Freight/transporting costs for delivery and return of the product.

This warranty is void should the products be used for anything other than what the product was intended.

There are no other warranties expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. In no event shall Master Australia Pty Ltd be liable for incidental or consequential damages to persons or property.

NOTES:

Master Australia Pty Ltd
45 Marrickville Rd Marrickville NSW 2204
Ph: 612 9550 5800 • Fax: 612 9550 5876